Appendix 4 – EWTA Update Process Workflow Diagrams

This appendix contains diagrams that illustrate the EWTA update process workflows.

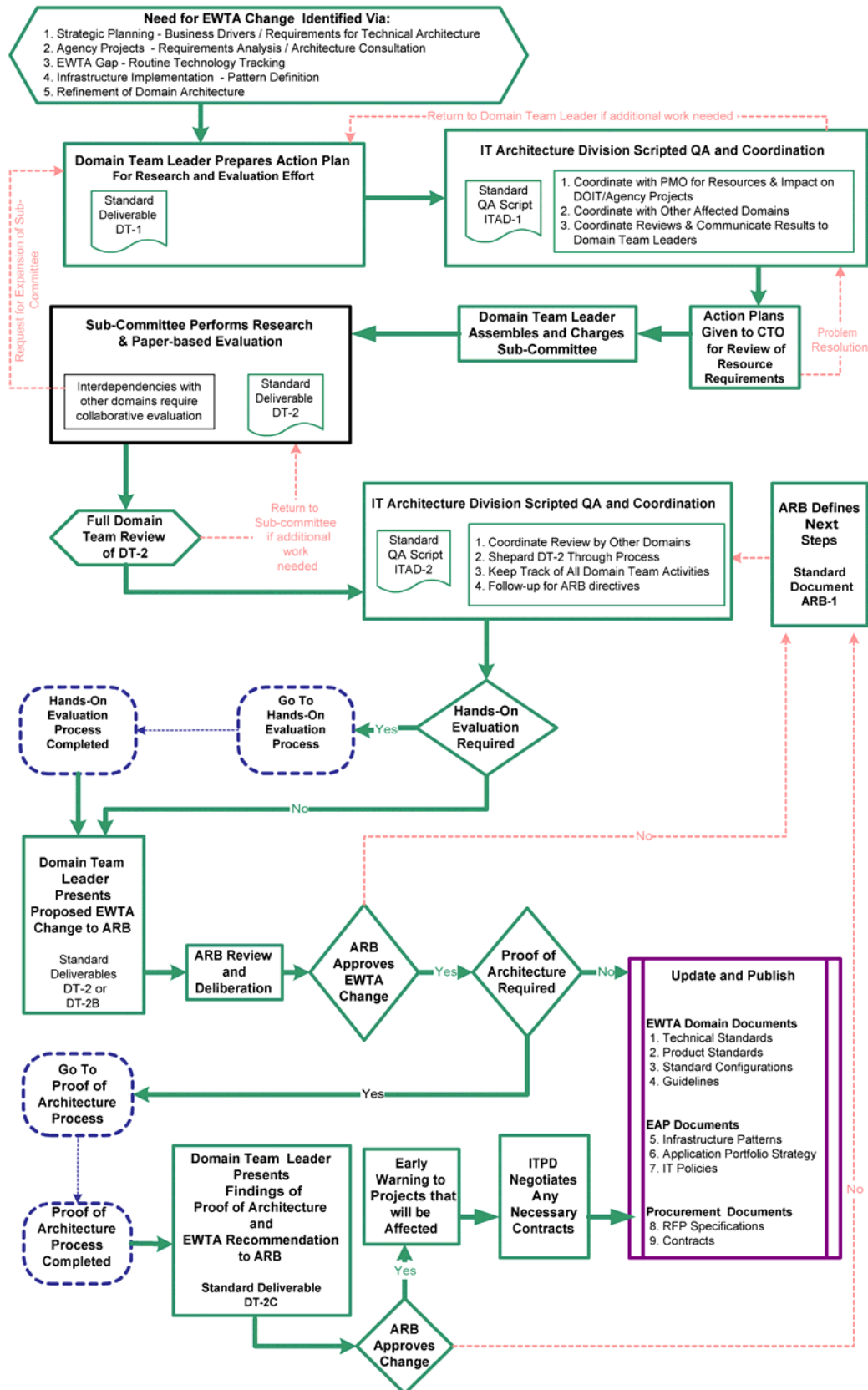**Diagram 1 EWTA Update Process Level One**
Diagram 2 EWTA Hands-on Evaluation Process Level Two
Diagram 3 Proof of Architecture Process Level Two
Diagram 4 PC Configuration Management Process

Diagram 1 EWTA Update Process Level One

Need for EWTA Change Identified Via:
1. Strategic Planning - Business Drivers / Requirements for Technical Architecture
2. Agency Projects - Requirements Analysis / Architecture Consultation
3. EWTA Gap - Routine Technology Tracking
4. Infrastructure Implementation - Pattern Definition
5. Refinement of Domain Architecture

Return to Domain Team Leader if additional work needed

Domain Team Leader Prepares Action Plan For Research and Evaluation Effort

Standard Deliverable DT-1

IT Architecture Division Scripted QA and Coordination

Standard QA Script ITAD-1

1. Coordinate with PMO for Resources & Impact on DOIT/Agency Projects
2. Coordinate with Other Affected Domains
3. Coordinate Reviews & Communicate Results to Domain Team Leaders

Request for Expansion of Sub-Committee

Sub-Committee Performs Research & Paper-based Evaluation

Interdependencies with other domains require collaborative evaluation

Standard Deliverable DT-2

Domain Team Leader Assembles and Charges Sub-Committee

Action Plans Given to CTO for Review of Resource Requirements

Problem Resolution

Full Domain Team Review of DT-2

Return to Sub-committee if additional work needed

IT Architecture Division Scripted QA and Coordination

Standard QA Script ITAD-2

1. Coordinate Review by Other Domains
2. Shepard DT-2 Through Process
3. Keep Track of All Domain Team Activities
4. Follow-up for ARB directives

ARB Defines Next Steps

Standard Document ARB-1

Hands-On Evaluation Process Completed

Go To Hands-On Evaluation Process

Hands-On Evaluation Required

Yes

No

No

Domain Team Leader Presents Proposed EWTA Change to ARB

Standard Deliverables DT-2 or DT-2B

ARB Review and Deliberation

ARB Approves EWTA Change

Yes

Proof of Architecture Required

No

Update and Publish

EWTA Domain Documents
1. Technical Standards
2. Product Standards
3. Standard Configurations
4. Guidelines

EAP Documents
5. Infrastructure Patterns
6. Application Portfolio Strategy
7. IT Policies

Procurement Documents
8. RFP Specifications
9. Contracts

No

Yes

Go To Proof of Architecture Process

Proof of Architecture Process Completed

Domain Team Leader Presents Findings of Proof of Architecture and EWTA Recommendation to ARB

Standard Deliverable DT-2C

Early Warning to Projects that will be Affected

ITPD Negotiates Any Necessary Contracts

Yes

ARB Approves Change

Diagram 2 EWTA Hands-on Evaluation Process Level Two

Diagram 3 Proof of Architecture Process Level Two

Begin Proof of Architecture Process

ITAD Works with PMO to Identify Agency or DOIT Project for Proof of Architecture Assessment
Obtain Preliminary Agreement from Agency to Modify Project to Accomodate Proof of Architecture

Sub-Committee Chair Prepares Proposal to Conduct a Proof of Architecture Assessment
Standard Deliverable DT-5

Return to Sub-CommitteeChair if Additional Work Needed

IT Architecture Division Scripted QA
Standard QA Script ITAD-5

PMO Resource Review of Proposed Proof of Architecture Assessment
1. Availability of resources
2. Relative priority
3. Scheduling Timeframe
4. Resources Identified
Standard Deliverable PMO-1

Domain Team Leader Presents Proposed Proof of Architecture Assessment to ARB
1. Proposal DT-5
2. Research Results DT-2
3. PMO Review

Return to Sub-Committee to Revise Proposal

DOIT and Agency Prepare for Project

Proof of Architecture Requirements and Deliverables Incorporated into Project Plan and Procurement Documents

PMO Assigns IT Staff on Master Resource Schedule

Project Manager Assembles and Briefs Project Team

Standard Project Management Activities with Oversight by PMO

Agency Project Phase	EWTA Evaluation Criteria
Design	Design Principles and Best Practices
Build	Standard Configurations, Methods, Documentation standards
Test	Interoperability with Standard Infrastructure Services
Phased Implementation	Scalability, Usability
Full Implementation	Reliability, Supportability

ITAD works with Liaison Group to Negotiate MOU with Agency to Use Agency Project for Proof of Architecture Assessment
1. Availability of agency resources
2. Agency priority
3. Scheduling Requirements

ARB Approves Proposed POAA

Yes / No

ARB Briefs ITAD and DTL on Decision and Defines Next Steps
. Revise scope
. Additional research
. Chose another agency project
. Back burner

Proposal Goes On-Hold

Regular Status Reports to Sub-Committee and ITAD for ARB Updates and Review by Domain Team

Regular Status Reports to PMO for Project QA

Return to Project Team if Additional Work Needed

Project Manager and Sub-Committee Chair Prepare Recommendation
Standard Deliverable DT-2C

Review of DT-2C by Full Domain Team

IT Architecture Division Scripted QA
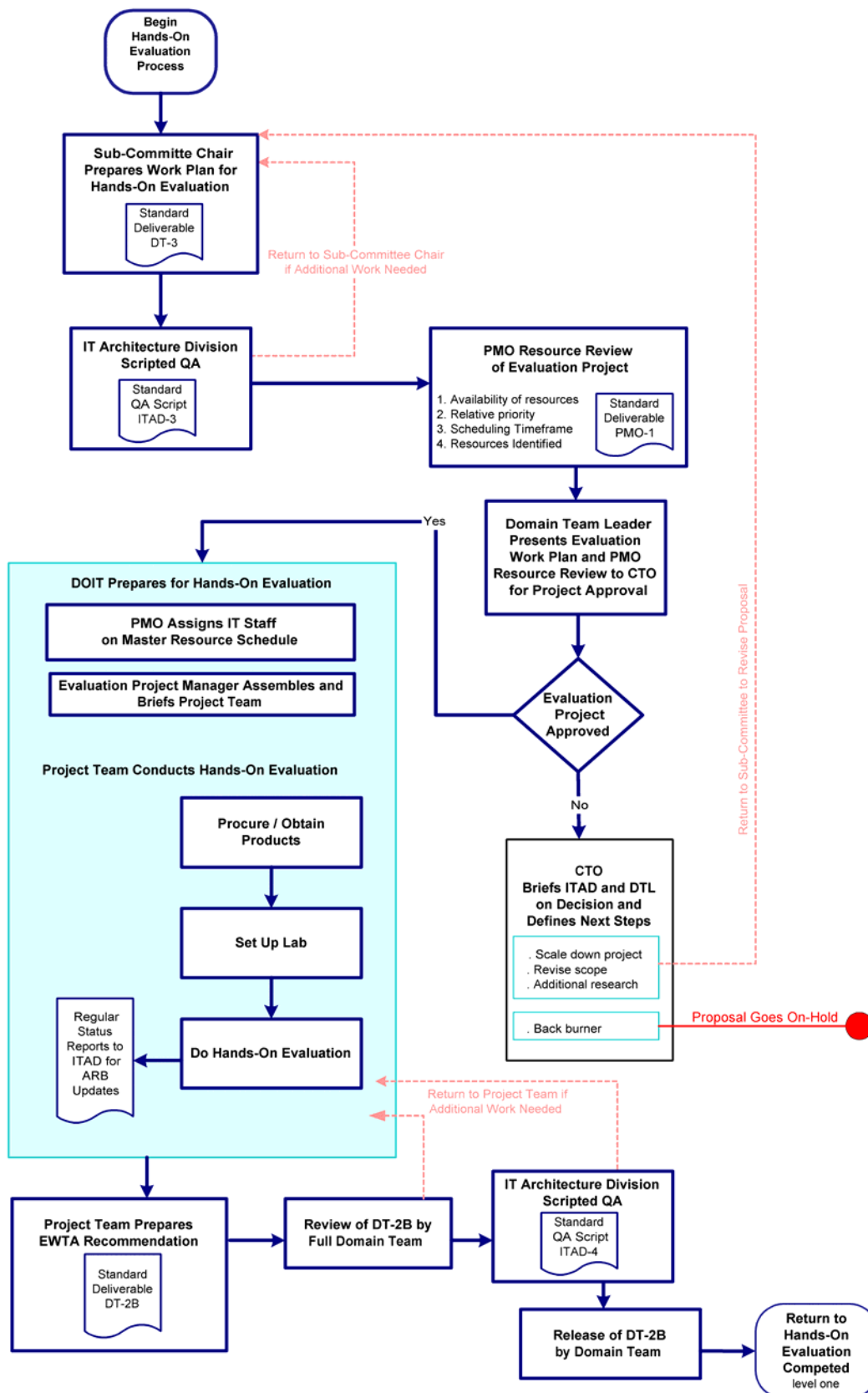Standard QA Script ITAD-6

Release of DT-2C by Domain Team
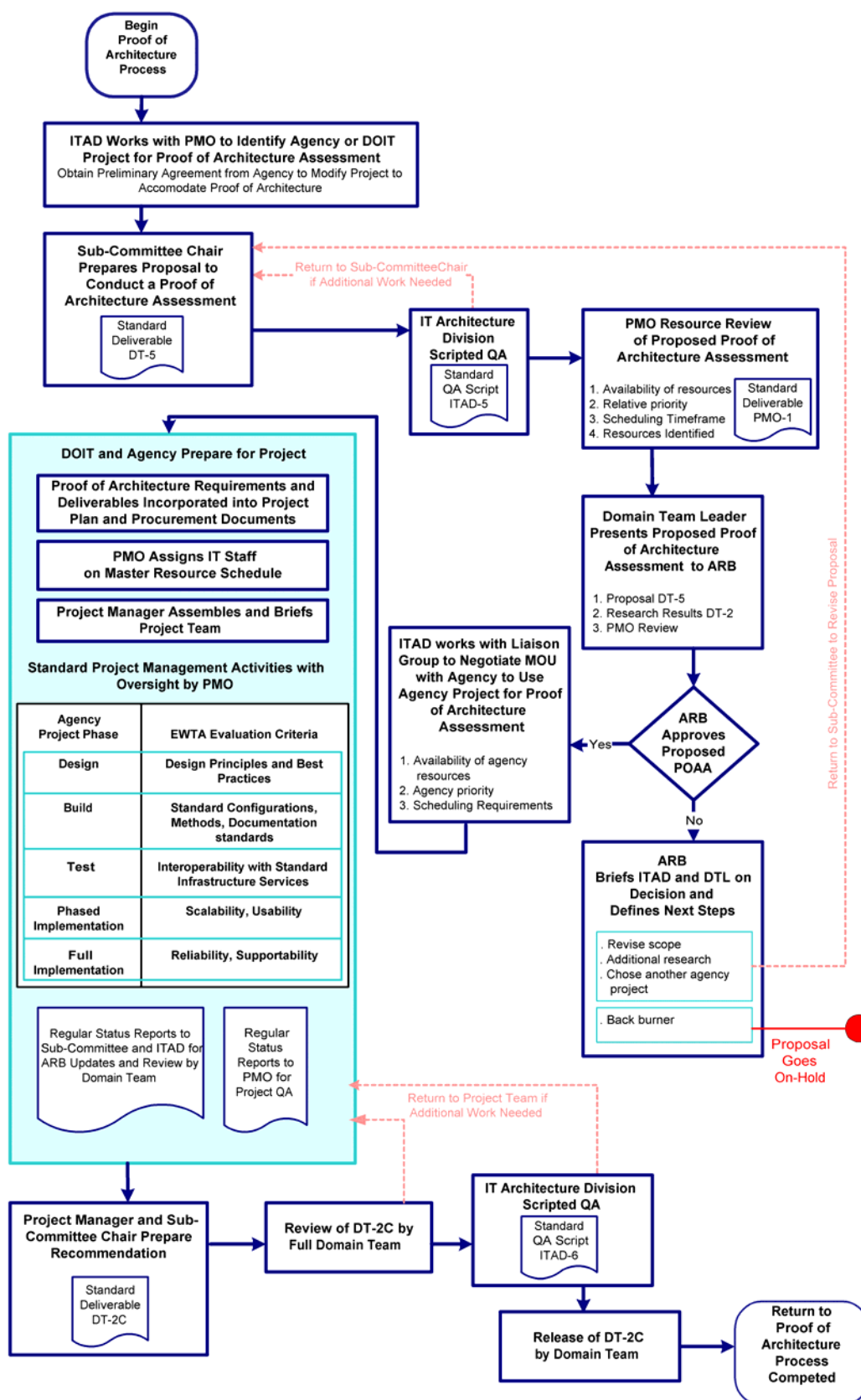
Return to Proof of Architecture Process Competed

Diagram 4 PC Configuration Management Process

Process for Modifying Category Configurations or Option Lists for the PC Contract Award